

n-BUTANE (C₄H₁₀)

A colorless, flammable, liquefied gas.

Purity Specifications	Grade 2.0 99%	Grade 2.5 99.5%	Grade 3.0 99.9%	Grade 3.5 99.95%	Grade 4.0 99.99%
Nitrogen	< 400 ppm	< 400 ppm	< 100 ppm	< 40 ppm	< 20 ppm
Oxygen	< 100 ppm	< 100 ppm	< 20 ppm	< 10 ppm	< 5 ppm
Other Hydrocarbons	< 9000 ppm	< 4500 ppm	< 900 ppm	< 500 ppm	< 90 ppm
Sulfur	< 1 ppm	< 1 ppm	< 1 ppm	< 1 ppm	< 1 ppm
Moisture	< 10 ppm	< 5 ppm	< 4 ppm	< 3 ppm	< 3 ppm
Total Impurities	< 1 %	< 5000 ppm	< 1000 ppm	< 500 ppm	< 100 ppm

Moisture level is guaranteed only when AGT prepares the cylinders.
All concentrations are on a mol/mol basis.
This product is analyzed liquid phase.

Cylinder Size	Fill Weight (lbs)
1/2 ton	500.0
LP30	120.0
LP15	60.0
LP05	24.0
LP01	6.0
49	55.0
44	45.0
16	17.0
7	7.0

Technical Data:

Mol. Wt: 58.12
Sp. Volume: 6.4 cf/lb
Pressure @ 70°F: 16.3 psig
Flammability Limits: 1.8 - 8.4% in Air
Valve Outlet: CGA 510
LB CGA 170

Shipping Information:

DOT Name: Butane
Hazard Class: 2.1
DOT No.: UN 1011
DOT Label: Flammable Gas
CAS No.: 106-97-8

**ADVANCED GAS
TECHNOLOGIES**